Mini Hi-Fi System

MC M530

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IMPORTANT!
Return your Warranty Registration Card within 10 days
SEE WHY INSIDE

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Canada

English:

This digital apparatus does not exceed the Class B limits for radio noise emissions from digital apparatus as set out in the Radio Interference Regulations of the Canadian Department of Communications.

Français:

Cet appareil numérique n'émet pas de bruits radioélectriques dépassant les limites applicables aux appareils numériques de Classe B prescrites dans le Règlement sur le Brouillage Radioélectrique édicté par le Ministère des Communications du Canada.

CAUTION

Use of controls or adjustments or performance of procedures other than herein may result in hazardous radiation exposure or other unsafe operation.

ATENCIÓN

El uso de mando o ajustes o la ejecucción de métodos que no sean los aquí descritos puede ocasionar peligro de exposición a radiación.

PHILIPS **MCM530**

Tested To Comply With FCC Standards

FOR HOME OR OFFICE USE

This system complies with the FCC rules, Part 15 and with 21 CFR 1040.10. Operation is subject to the following two conditions:
– This device may not cause harmful interference, and
– This device must accept any interference received, including interference that may cause undesired operation.

Philips Consumer Electronics North America
P.O.Box 14810 Knoxville, TN 37914-1810
Phone no.: 1-800-531-0039

Note *: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures :*

– Relocate the receiving antenna.
– Increase the separation between the equipment and receiver.
– Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
– Consult the dealer or an experienced radio/TV technician for help.

IMPORTANT :

Modifications not authorized by the manufacturer may void users authority to operate this device.

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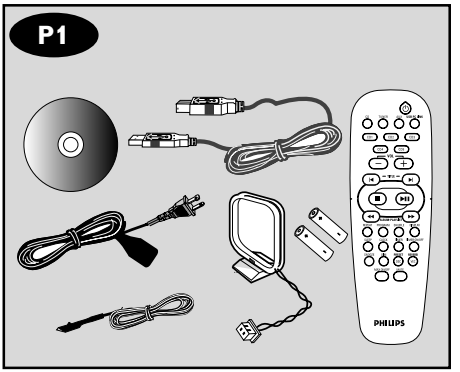

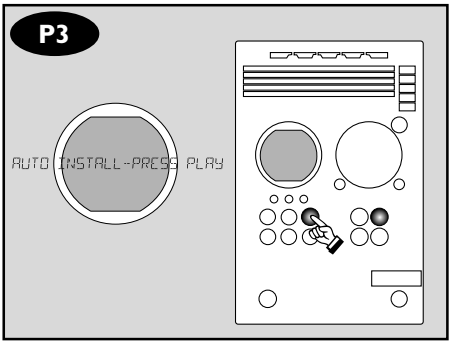

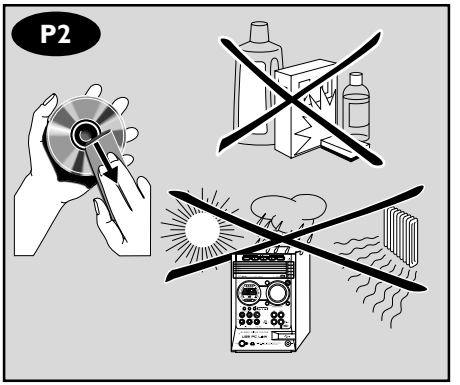

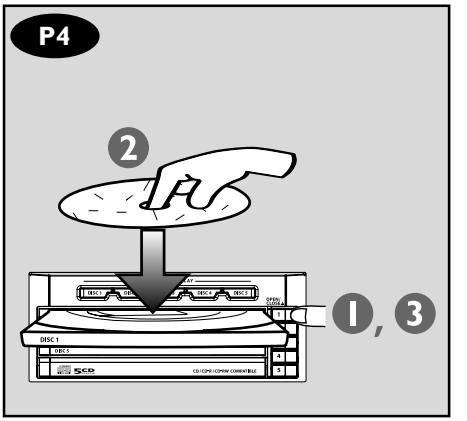

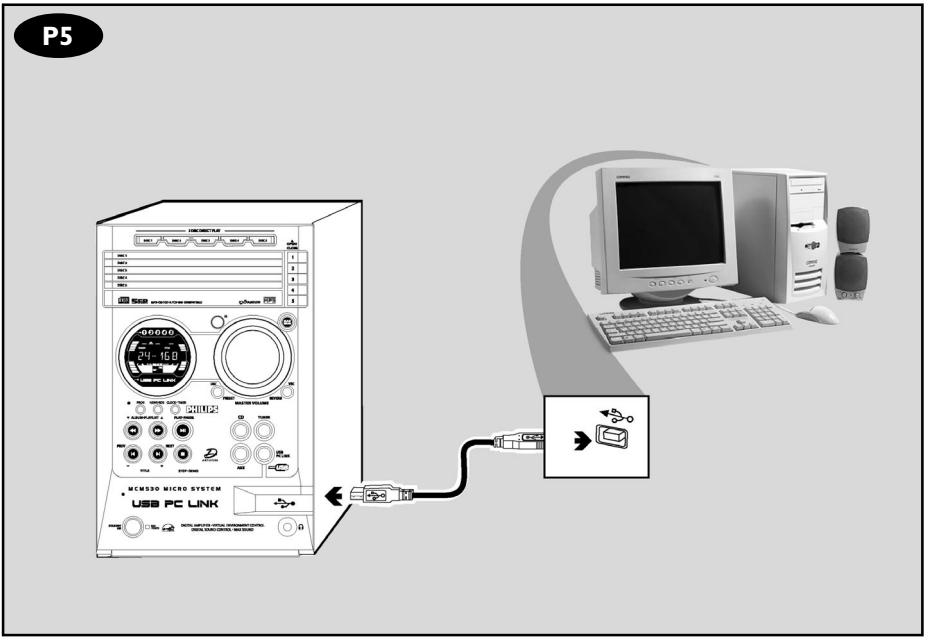

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Return your Warranty Registration card today to ensure you receive all the benefits you're entitled to.

- *Once your Philips purchase is registered, you're eligible to receive all the privileges of owning a Philips product.*
- *So complete and return the Warranty Registration Card enclosed with your purchase at once, and take advantage of these important benefits.*

Warranty Verification

Registering your product within 10 days confirms your right to maximum protection under the terms and conditions of your Philips warranty.

Owner Confirmation

Your completed Warranty Registration Card serves as verification of ownership in the event of product theft or loss.

Model Registration

Returning your Warranty Registration Card right away guarantees you'll receive all the information and special offers which you qualify for as the owner of your model.

Know these safety *symbols*

CAUTION

RISK OF ELECTRIC SHOCK
DO NOT OPEN

CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

This "bolt of lightning" indicates uninsulated material within your unit may cause an electrical shock. For the safety of everyone in your household, please do not remove product covering.

The "exclamation point" calls attention to features for which you should read the enclosed literature closely to prevent operating and maintenance problems.

For Customer Use
Enter below the Serial No. which is located on the rear of the cabinet. Retain this information for future reference.

Model No. _____

Serial No. _____

WARNING: TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS EQUIPMENT TO RAIN OR MOISTURE.

CAUTION: To prevent electric shock, match wide blade of plug to wide slot, and fully insert.

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PHILIPS

Congratulations on your purchase, and welcome to the "family!"

Dear Philips product owner:

Thank you for your confidence in Philips. You've selected one of the best-built, best-backed products available today. And we'll do everything in our power to keep you happy with your purchase for many years to come.

As a member of the Philips "family," you're entitled to protection by one of the most comprehensive warranties and outstanding service networks in the industry.

What's more, your purchase guarantees you'll receive all the information and special offers for which you qualify, plus easy access to accessories from our convenient home shopping network.

And most importantly you can count on our uncompromising commitment to your total satisfaction.

All of this is our way of saying welcome – and thanks for investing in a Philips product.

Sincerely,

Lawrence J. Blanford

Lawrence J. Blanford
President and Chief Executive Officer

P.S. Remember, to get the most from your Philips product, you must return your Warranty Registration Card within 10 days. So please mail it to us right now!

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IMPORTANT SAFETY INSTRUCTIONS

1. **Read these instructions.**
2. **Keep these instructions.**
3. **Heed all warnings.**
4. **Follow all instructions.**
5. **Do not use this apparatus near water.**
6. **Clean only with dry cloth.**
7. **Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.**
8. **Do not install the system near any heat sources**
   such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. **Do not defeat the safety purpose** of the polarized or grounding-type plug.
   A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.

AC Polarized Plug

10. **Protect the power cord** from being walked on or pinched, particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
11. **Only use attachments/accessories** specified by the manufacturer.
12.
    Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
13. **Unplug this apparatus** during lightning storms or when unused for long periods of time.
14. **Refer all servicing** to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
15. **Battery usage CAUTION** – To prevent battery leakage which may result in bodily injury, property damage, or damage to the unit:

    Install **all** batteries correctly, **+** and **-** as marked on the unit.

    Do not mix batteries (**old** and **new** or **carbon** and **alkaline**, etc.).

    Remove batteries when the unit is not used for a long time.

EL 6475-E004: 02/8

WARNING

To reduce the risk of fire or electric shock, this apparatus should not be exposed to rain or moisture, and objects filled with liquids, such as vases, should not be placed on this apparatus.

Class II equipment symbol

This symbol indicates that the unit has a double insulation system

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English

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Refer to the type plate on the rear or bottom of the system for identification and supply ratings.

Supplied accessories *(page 3 – P1)*

- USB PC LINK software installer disc
- USB cable
- Remote control and two AA batteries.
- AM loop antenna
- FM wire antenna
- AC power cord

Environmental information

All unnecessary packaging has been omitted. We have tried to make the packaging easy to separate into three materials: cardboard (box), polystyrene foam (buffer) and polyethylene (bags, protective foam sheet).

Your system consists of materials which can be recycled and reused if disassembled by a specialised company. Please observe the local regulations regarding the disposal of packaging materials, exhausted batteries and old equipment.

Care and safety information *(page 3 – P2)*

Avoid high temperatures, moisture, water and dust

– Do not expose the system, batteries or discs to humidity, rain, sand or excessive heat (caused by heating equipment or direct sunlight). Always keep the disc tray closed to avoid dust on the lens.
– No objects filled with liquids, such as vases, shall be placed on the apparatus.
– No naked flame sources, such as lighted candles, should be placed on the apparatus.

Avoid condensation problem

– The lens may cloud over when the system is suddenly moved from cold to warm surroundings, making it impossible to play a disc. Leave the system in the warm environment until the moisture evaporates.

Do not block the vents

– In a cabinet, allows about 10cm (4 inches) of free space all around the system for adequate ventilation.

Care of disc

– To clean a CD, wipe it in a straight line from the centre towards the edge using a soft, lint-free cloth. A cleaning agent may damage the disc!
– Write only on the printed side of a CDR(W) and only with a soft felt-tipped pen.
– Handle the disc by its edge, do not touch the surface.

Care of the cabinet

– Use a soft cloth slightly moistened with a mild detergent solution. Do not use a solution containing alcohol, spirits, ammonia or abrasives.

Finding a suitable location

– Place the system on a flat, hard, and stable surface.

Built-in safety circuit

– Under extreme conditions, this system may switch to standby mode automatically. If this happens, let the system cool down before reusing it.

Power saving

– This system is designed to use less than 1W of electricity when switched to Eco Power standby. Disconnect the AC power cord from the power outlet when not in use.

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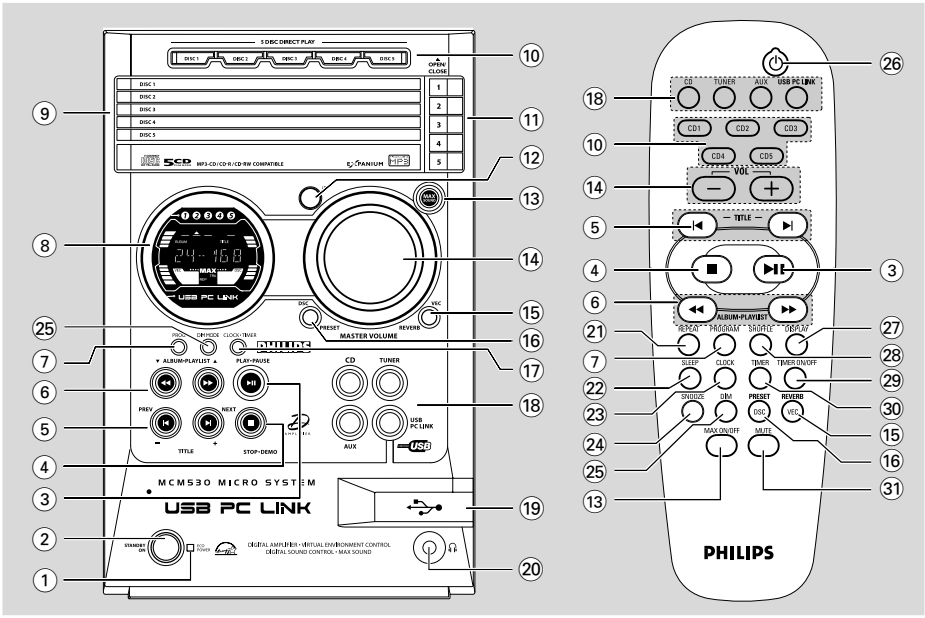
Functional Overview



Main unit and remote control

① ECO POWER indicator
– Lights up when the system is in Eco Power standby mode.

② STANDBY ON ⏻
– Switches to Eco Power standby mode or turns on the system.
– *Switches to standby mode.

③ PLAY•PAUSE ▶II
– CD: starts/pauses playback.
– USB PC LINK: starts/pauses playback.

(only on the main unit)
– TUNER: *enters Plug & Play tuner installation mode and/or starts preset radio station installation.

④ STOP•DEMO ■
– Exits an operation.
– CD: stops playback or clears a programme.
– TUNER: *erases a preset radio station.
– USB PC LINK: stops playback.

(only on the main unit)
– *Turns on/off the demonstration mode.

⑤ PREV ⏮ / NEXT ⏭ (– TITLE +)
– CD: selects a track.
– MP3-CD: select a title
– TUNER: selects a preset radio station.
– CLOCK: sets the minutes.
– USB PC LINK: selects a track from the playlist.

⑥ ◀◀ ALBUM•PLAYLSIT ▶▶
– CD: *searches backward/forward.
– MP3-CD: select an album
– TUNER: tunes the radio frequency up/down.
– CLOCK: sets the hours.
– USB PC LINK: selects a playlist.

⑦ PROG (PROGRAM)
– CD: starts or confirms track programming.
– TUNER: starts *automatic/manual preset programming.
– CLOCK: selects 12- or 24-hour clock display.

⑧ Display screen

⑨ Disc trays (1~5)

⑩ 5 DISC DIRECT PLAY 1~5 (CD 1~5)
– Selects a disc tray to playback.

= Press and hold the button for more than two seconds.

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⑪ **OPEN/CLOSE ⏏ 1~5**
– Opens/closes the individual disc tray.

⑫ **iR**
– Point the remote control towards this sensor.

⑬ **MAX SOUND (MAX ON/OFF)**
– Turns on/off the optimal mix of various sound features.

⑭ **MASTER VOLUME (VOL + −)**
– Adjusts the volume level.

⑮ **VEC/ REVERB**
– Selects different type of ambience-based equaliser settings (HALL, CINEMA, CONCERT, CYBER or ARCADE).

⑯ **DSC/ PRESET**
– Selects different types of preset sound equaliser settings (OPTIMAL, JAZZ, ROCK or POP).

• PRESET and REVERB environment sound modes are only available when the optional software, Philips Sound Agent 2 is activated during USB PC Link application.

⑰ **CLOCK•TIMER**
– *Enters clock or timer setting mode.
– Switches to clock display mode.

⑱ **CD / TUNER / AUX / USB PC LINK**
– Selects the relevant active mode.
– **CD:** toggles between DISC 1~5.
– **TUNER:** toggles between FM and AM band.
– **AUX:** toggles between AUX and CDR mode.
– **USB PC Link:** Selects USB PC Link source.

⑲ Connect the USB cable between the system and PC's USB port.

⑳ 🎧
– Plug in the headphones jack. The speakers output will be cancelled.

Control buttons available on the remote control only

㉑ **REPEAT**
– Repeats a track/disc/all programmed tracks.

㉒ **SLEEP**
– Sets the sleep timer function.

㉓ **CLOCK**
– *Enters clock setting mode.
– Switches to clock display mode.

㉔ **SNOOZE**
– Temporarily deactivate the wake up timer.

㉕ **DIM**
– Selects different levels of brightness for display panel.

㉖ ⏻
– Switches to Eco Power standby mode.
– *Switches to standby mode.

㉗ **DISPLAY**
– Displays the album and title name for MP3 disc.

㉘ **SHUFFLE**
– Turns on/off the random play mode.

㉙ **TIMER ON/OFF**
– Turns on/off timer function.

㉚ **TIMER**
– *Enters the timer setting mode.
– Displays the timer setting.

㉛ **MUTE**
– Mutes or restores the volume.

***** = *Press and hold the button for more than two seconds.***

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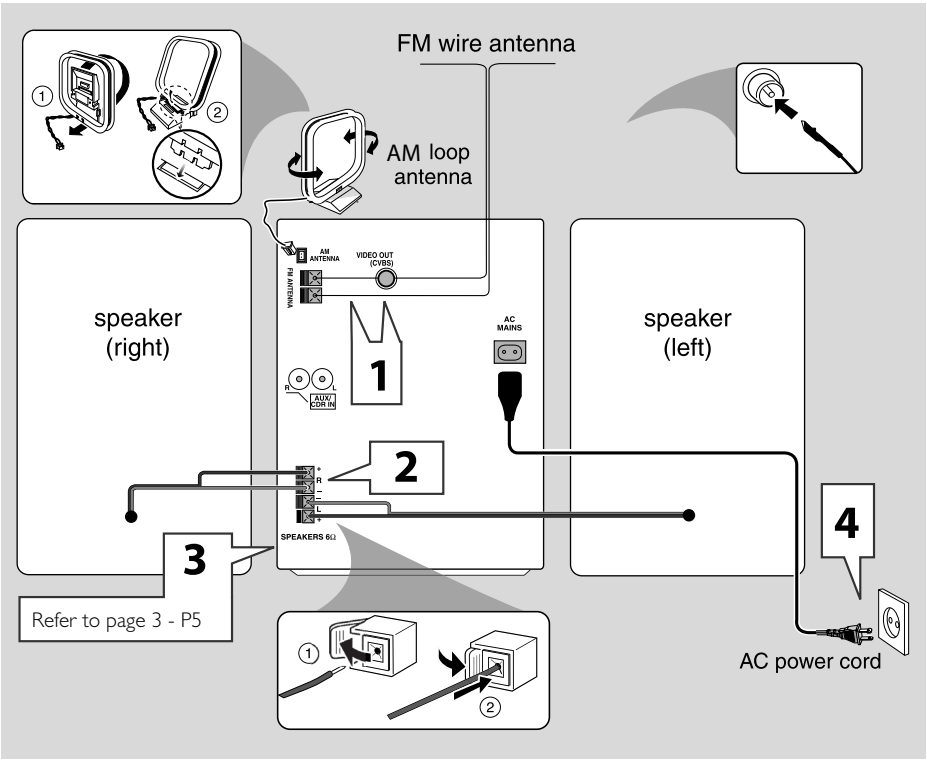
Connections



Warning!

– Use only the supplied speakers. The combination of the main unit and speakers provides the best sound. Using other speakers can damage the unit and sound quality will be negatively affected.

– Never make or change connections with the power switched on.

– Connect the AC power cord to the power outlet only after you have finished hooking up everything.

– To avoid overheating of the system, a safety circuit has been built in. Therefore, your system may switch to Standby mode automatically under extreme conditions. If this happens, let the system cool down before reusing it *(not available for all versions).*

Step 1: Connecting FM/AM antennas

– Place the AM loop antenna on a shelf or attach it to a stand or wall.

– Extend the FM antenna and fix its ends to the wall.

– Adjust the position of the antennas for optimal reception.

– Position the antennas as far as possible from a TV, VCR or other radiation source to prevent unwanted noise.

– For better FM stereo reception, connect external FM antenna.

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Step 2: Connecting the speakers

Connect the speaker wires to the SPEAKERS terminals, right speaker to "**R**" and left speaker to "**L**", coloured (marked) wire to "**+**" and black (unmarked) wire to "**–**". Fully insert the stripped portion of the speaker wire into the terminal as shown.

Notes:

– Ensure that the speaker cables are correctly connected. Improper connections may damage the system due to short-circuit.

– Do not connect more than one speaker to any one pair of + / – speaker terminals.

Step 3: Connecting to PC

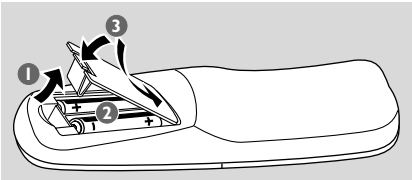
(page 3 – P5)

Use the supplied USB cable to connect the system to your personal computer's USB port. After installed the USB PC LINK application software onto your PC, you are able to playback your music collection via the system (refer to "**USB PC Link**").

Step 4: Connecting the AC power cord

"AUTO INSTALL –PRESS PLAY" may appear on the display panel when the AC power cord is plugged into the power outlet for the first time. Press ▶II on the main unit to store all available radio stations *(page 3 – P3)* or press ■ to exit (refer to "**Tuner Operations**").

Step 5: Inserting batteries into the remote control



1. Open the battery compartment cover.
2. Insert two batteries type R06 or AA, following the indications (+ –) inside the compartment.
3. Close the cover.

Using the remote control to operate the system

1. Aim the remote control directly at the remote sensor (iR) on the main unit.
2. Select the source you wish to control by pressing one of the source select keys on the remote control (for example CD,TUNER).
3. Then select the desired function (for example ▶II, I◀, ▶I).

CAUTION!

– Remove batteries if they are exhausted or will not be used for a long time.

– Do not use old and new or different types of batteries in combination.

– Batteries contain chemical substances, so they should be disposed of properly.

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USB PC Link

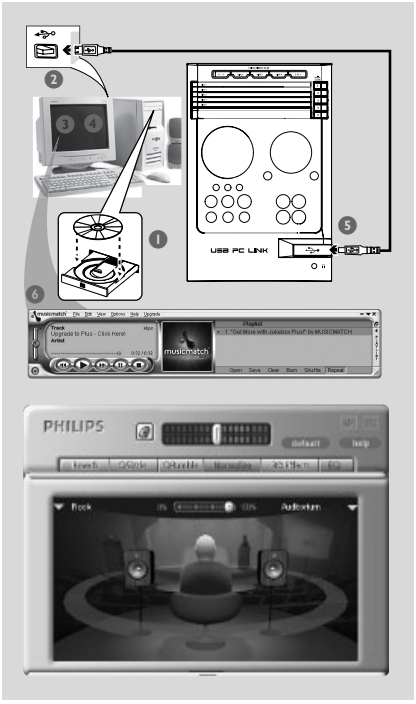
IMPORTANT!
– Make sure the mute setting on your PC control panel is deactivated to ensure you get the sound from your audio system!

Quick setup guide

PC system requirement

- Windows 98SE/ME/2000/XP
- Intel Pentium MMX200 or higher
- CD-ROM drive
- USB port
- Free hard disk space: 80 MB for the software

Software installation



1. Turn on your PC and insert the installer disc into your PC's CD-ROM drive.
2. The installation guide will appear automatically. If it does not, go to the CD-ROM drive in Windows Explorer and double click the **Setup.exe**.
3. Select your desired language from the list.
4. Select **Install Software**.
5. Connect the USB cable to the PC and Audio System and press the USB PC Link button on the Audio set or the remote control.
6. Follow the instructions as prompted on the screen to correctly install the USB PC Link Driver, **Philips Sound Agent 2** and **MusicMatch** Jukebox software.

Notes:
– Minimum OS requirement for Philips Sound Agent 2:Windows 2000 or XP.
– During installation, your previous MusicMatch Jukebox software on your PC will be replaced.

Declarations
Windows and **Pentium** are trademarks of Microsoft Corporation and Intel Corporation. All other trademarks belong to their respective owners.
USB PC Link sample track, music by Chemistry (www.chemistryteam.com)

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English

Using MusicMatch software

To create a music library

Add music files to **My Music Library**

Add files to **My Library** by dragging and dropping audio tracks from anywhere in Windows, into the **My Library** window.

You can also click **Add Files** in the **Music Center** to add tracks.

1. Click the **Add Files** button on the **Music Library** window.
2. Browse your computer to the folder where audio files are stored. Check the box **Also Add Tracks** from Subfolders to add all tracks in the current folder, and all subfolders.
3. Click the **Select All** button to select all the files in the current, and all subfolders.
4. Click **Add**.

Files will be added to **My Library**.

To create a "Playlist"

1. Drag and drop files, or folders with music files, from anywhere on your computer or **My Library** into the **Playlist** window. Your files will begin to play. Or, you may click the **Open** button on the **Playlist** window to browse for and add music to the **Playlist**.
2. Click the **Save** button on the **Playlist**, or go to the menu **Options**>**Playlist**>**Save Playlist**.
3. You will be prompted to name the **Playlist**. In the Name field type the name you'd like to give this **Playlist**.
4. Click the **Save** button. Now you can play all the saved playlists with the audio system by pressing ⏮ or ⏭ buttons. Details operation, please refer to Connecting to **USB PC Link**.

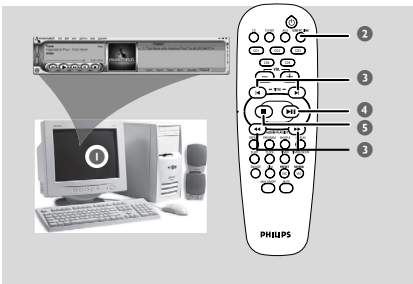
Note:

– It is not possible to create a playlist from the system's 5 CD changer. If you encounter any problem using USB PC Link, please refer to the FAQ (Frequently Asked Questions) stored in your USB PC Link installer disc or visit "www.audio.philips.com" for the latest update on FAQ.

Connecting to USB PC Link

USB PC Link allows you to playback your music collection from the PC via the powerful amplifier and speakers of this system.

IMPORTANT!
Make sure the MUSICMATCH software has been installed. Refer to the CD-ROM sleeve for USB PC Link installation.



1. Turn on your computer and launch the "MUSICMATCH JUKEBOX".
   ➜ The volume level of PC should not be put into mute.
2. Press **USB PC LINK**.
   ➜ If the audio streaming is detected, "CONNECTING" is displayed and the USB indicator will be flashing.
   ➜ If "NO CONNECTION" is displayed, check the connection between your PC and micro system.

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USB PC Link

Notes:
– When the USB PC Link feature is activated, Philips Sound Agent 2 will automatically be launched (if it has been successfully installed under OS Windows 2000/XP).
– The default setting for PRESET/REVERB is MP3/ Study Room respectively. You may select from the list of different sound modes to suit your music and environment preference. Alternatively, you may select PRESET (Neutral mode) and REVERB (No Environment mode) for the minimum sound effect.

3. Press ◀◀ or ▶▶ to select your favorite playlist, and then press ⏮ or ⏭ until the desired track in the playlist is highlighted.
4. Press ▶❚❚ to start playback.
   ➜ The track information will appear on the display. The display only supports English characters.

   During playback,
   – Press **SHUFFLE** to play all available tracks in the playlist in random order.
   – Press **REPEAT** to repeat playback of all the tracks in the playlist.
5. To exit, select another active mode or press ■.

Philips Sound Agent 2

Philips Sound Agent 2 is a BONUS software provided with Philips Audio system to enhance the quality of MP3 Music playback via USB PC Link.

1. **Philips Sound Agent 2** will be automatically launched if USB PC Link is selected.
2. Press **DSC/PRESET** or **VEC/REVERB** to select different Preset or Reverb sound effect.
3. For more details about using **Philips Sound Agent 2** features on your PC, please refer to the User Manual in the supplied CD-ROM or the Help menu.

Notes:
– Philips Sound Agent 2 minimum OS requirement: Windows 2000 or XP.
– Please refer to the CD-ROM sleeve for detailed installation procedures, OR 'Software installation' in this manual.

Enabling digital CD audio output

Before playing the CD through your PC's CD-ROM drive, it is necessary to configure your PC's hardware as follows:

For Windows ME/2000/XP

1. Enter the system control panel menu and select:
   "System → Hardware → Device Manager → CD-ROM drives → Action-Properties → Properties ".

OR

For Windows 98SE

Enter the system control panel menu and select: "MULTIMEDIA" and "CD MUSIC".

2. Check the 'Enable digital CD audio for this CD-ROM device' setting option is selected (enabled).

Notes:
– You may need to refer to your PC's manual for correct configuration.
– For the optimal playback effect of the CD/MP3-CD, please use your Philips audio system.

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Switching on/off

Switching to active mode

- Press **CD**, **TUNER**, **AUX** or **USB PC LINK**.

Switching to Eco Power standby mode

- Press ⏻.
  ➜ ECO POWER button lights up.
  ➜ The display screen will go blank.

Switching to standby mode (view clock)

- Press and hold ⏻.
  ➜ The clock is displayed.
  ➜ While in the standby mode, pressing CLOCK•TIMER will switch the system to the Eco Power standby mode.

Note:
– Before switching the system to the Eco Power standby or standby mode, make sure the demonstration mode has been deactivated.

Demonstration mode

If the demonstration mode is active, whenever you switch the system to the Eco Power standby or standby mode, it will begin showing the various features offered by the system.

To activate the demonstration

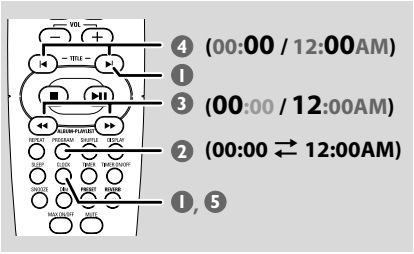
- In Eco Power standby/standby mode, press and hold ■ on the main unit for 5 seconds until "DEMO ON" is displayed.

To deactivate the demonstration

- Press and hold ■ on the main unit for 5 seconds until "DEMO OFF" is displayed.

Setting the clock

The clock can be set in either 12-hour or 24-hour mode ("11:59 PM" or "23:59" for example).



1. Press and hold **CLOCK** on the remote until the time flashing on the display.
   OR
   Press and hold **CLOCK•TIMER** on the main unit until "SELECT CLOCK OR TIMER" is displayed. Then press ▶| to change the display to "CLOCK" and press **CLOCK•TIMER** again to confirm.
2. Press **PROGRAM (PROG)** repeatedly to change between 12-hour and 24-hour clock mode.
3. Press ◀◀ or ▶▶ repeatedly to set the hour.
4. Press |◀ or ▶| repeatedly to set the minute.
5. Press **CLOCK** (or **CLOCK•TIMER**) to store the setting.
   ➜ The clock will start working.

Notes:
– The clock setting will be erased when the system is disconnected from the power supply.
– The system will exit clock setting mode if no button is pressed within 90 seconds.

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Basic Operations

Selecting different display modes

Dim mode

You can select the desired brightness for the display panel.

- **In any active mode,** press **DIM** repeatedly to select DIM 1, DIM 2, DIM 3 or DIM OFF display mode.
  ➜ **DIM** is shown, except for DIM OFF mode.

DIM mode	Button illumination	Display brightness	Spectrum analyser
DIM OFF	on	full	on
DIM 1	on	full	off
DIM 2	on	half	on
DIM 3	off	half	off

Note:
– Pressing DIM button in standby mode will toggle between half and full brightness.

Clock display mode

You can choose to show the clock display only.

- Press **CLOCK•TIMER** (or **CLOCK** on remote control).
  ➜ In any active mode, pressing the button again will resume normal display.

Note:
– If you pressed any buttons in the clock display mode, the display will briefly show the information related to the selected mode.

Volume control

- Adjust **MASTER VOLUME** (or press **VOL +/—** on remote) to increase or decrease the sound level.
  ➜ "VOL MUTE" is the minimum volume level and "0 dB" is the maximum volume level.

To switch off the volume temporarily

- Press **MUTE** on the remote.
  ➜ Playback will continue without sound and "MUTE" is displayed.
  ➜ To restore the volume, press MUTE again or increase the volume level.

Sound control

You are only able to select one of the sound controls at a time : MAX sound, DSC or VEC.

MAX sound

MAX sound provides the best mixture of various sound features (DSC, VEC for example).

- Press **MAX SOUND** (or **MAX ON/OFF** on remote).
  ➜ If activated, **MAX** is shown and the MAX SOUND button lights up. All other sound effects (DSC or VEC) will be switched off automatically
  ➜ If MAX SOUND is activated together with Philips Sound Agent 2, the PRESET and REVERB sound effect will be switched automatically to Neutral and No Environment modes respectively.

Digital Sound Control

DSC provides a different type of preset sound equaliser setting.

- Press **DSC** repeatedly to select: **OPTIMAL, JAZZ, ROCK** or **POP**.

Virtual Environment Control

VEC provides a different type of environment-based equaliser setting.

- Press **VEC** repeatedly to select: **HALL, CINEMA, CONCERT** or **CYBER**.

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IMPORTANT!
– This system is designed for regular discs. Therefore, do not use any accessories such as disc stabiliser rings or disc treatment sheets, etc., as offered on the market, because they may jam the changer mechanism.
– Do not load more than one disc onto each tray.

Playable discs

This system is able to play:
– All pre-recorded audio CDs
– All finalised audio CDR and audio CDRW discs
– MP3-CDs (CD-ROMs with MP3 tracks)

Loading discs *(page 3 – P4)*

1. Press **OPEN/CLOSE ≜ 1** button to open disc tray 1.
2. Load a disc with the label side facing up. For double-sided discs, load the side you want to play facing up.
3. Press **OPEN/CLOSE ≜ 1** button again to close the disc tray.
   ➜ "READING" is displayed. The selected disc tray, total number of tracks and the playing time will appear on the display.
4. Repeat ***steps 1~3*** for loading discs onto the **disc trays 2~5**.

Notes:
– To ensure good system performance, wait until the disc trays completely read the disc(s) before proceeding.
– Only one tray can be opened at each time. If you open the second tray before closing the first tray, the first tray will automatically close before the second tray opens.

Basic playback controls

Load discs *(page 3 – P4)*.

To play all discs on the disc trays

- Press ▶II.
  OR
  In stop mode, press **CD** to select a disc tray to begin, then press ▶II.
  ➜ All the available discs will play once, then stop.

To play the selected disc only

- Press one of the **5 DISC DIRECT PLAY (DISC 1~5)** buttons (or **CD 1~5** on remote).
  ➜ The selected disc will play once, then stop.

To select a desired track

- Press I◀ or ▶I repeatedly until the desired track is displayed.
  ➜ During random play (shuffle mode), pressing I◀ will not affect the current playback.

To search for a particular passage during playback

- Press and hold ◀◀ or ▶▶ and release it when the desired passage is located.
  ➜ During searching, the volume will be reduced. For MP3 disc, the volume will be muted.

To replace discs without interrupting playback

- Press **OPEN/CLOSE ≜** buttons of the inactive disc trays (refer to "**Loading discs**").
  For example, if currently disc tray 1 is playing, you can replace the discs on disc tray 2~5.

To interrupt playback

- Press ▶II.
  ➜ To resume normal playback, repeat the above.

To stop playback

- Press ■.
  ➜ If the system remains in stop mode for 30 minutes, it will switch to Eco Power standby mode.

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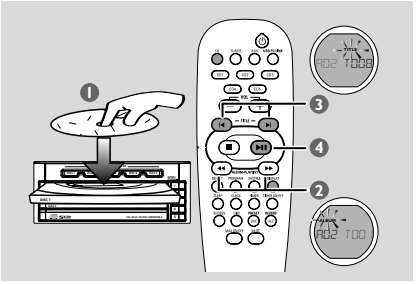
Disc Operations

Playing an MP3 disc



❶ Load an MP3 disc.
➜ The disc reading time may exceed 10 seconds due to the large number of songs compiled into one disc.
➜ "AXX TYYY" is displayed. XX is the current album number and YYY is the current title number.

❷ Press **ALBUM ▼▲** (or ◀◀ ▶▶) to select a desired album.

❸ Press **TITLE + −** (or ⏮ ⏭) to select a desired title.

❹ Press ▶❚❚ to start playback.

● During playback, press **DISPLAY** to show the album and title name.

Supported MP3 disc formats:

– ISO9660, Joliet, UDF 1.5
– Maximum title number : 999 (depending on filename length)
– Maximum album number : 99
– Supported sampling frequencies: 32 kHz, 44.1 kHz, 48 kHz
– Supported Bit-rates : 32~256 (kbps), variable bitrates
– ID3 tags : V1.1,V2.2,V2.3,V2.4

Repeat and Shuffle

You can select and change the various play modes before or during playback.

Repeat play

❶ Press **REPEAT** on the remote repeatedly to select :

TRK REP	REP DISC	REP DISC ALL	TRK REP PROG	REP PROG ALL
Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ

Ⓐ – to repeat playback of the current track.
Ⓑ – to repeat playback of the current disc.
Ⓒ – to repeat playback of all available discs **(not available for this model)**.
Ⓓ – to repeat playback of the current programmed track (only if the programme mode is active)
Ⓔ – to repeat playback of all the programmed tracks (only if the programme mode is active)

❷ To resume normal playback, press **REPEAT** until "OFF" is displayed.

Random play

● Press **SHUFFLE** on the remote control to turn on / off the shuffling mode.
➜ If activated, **SHUF** is shown and the repeat mode (if any) will be cancelled.
➜ The random play will start from the current disc tray. Only after all the tracks in the active disc tray has been shuffled, then it will change to the next available disc tray.
➜ If the programme mode is active, only the programmed tracks will be played in random order.

Note:
– Pressing the OPEN / CLOSE button will cancel all repeat and shuffling modes.

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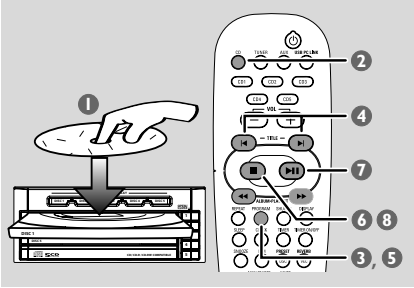
Programming the disc tracks

Programming tracks is possible when playback is stopped. Up to 99 tracks can be stored in the memory in any order.

IMPORTANT!
It is only possible to programme from the current selected disc tray.



1. Load the desired discs on the disc trays (refer to "**Loading discs**").
2. Press **CD** or one of the **DISC 1~5** buttons to select a disc.
3. Press **PROGRAM (PROG)** to start programming.
   ➜ **PROG** starts flashing.
4. Press ⏮ or ⏭ repeatedly to select the desired track.
- For MP3 disc, press ◀◀ / ▶▶ (**ALBUM ▼▲**) and ⏮ / ⏭ (**TITLE** − +) to select the desired album and title for programming.
5. Press **PROGRAM (PROG)** to store.
- Repeat ***steps 4~5*** to select other tracks.
  ➜ If you attempt to programme more than 99 tracks, "PROGRAM FULL" is displayed.
6. Press ■ to exit the program mode.
   ➜ PROG stops flashing.
7. To start programme play, press ▶II
8. To stop playback or to end the programming, press ■ **once**.
   ➜ **PROG** stays and the programme mode remains active.

Notes:

– If the total playing time reached 100 minutes or if one of the programmed tracks has a number greater than 30, then "--:--" is displayed instead of the total playing time.
– The system will exit programming mode if no button is pressed within 20 seconds.

Checking the programme

1. Stop playback and press ⏮ or ⏭ repeatedly.
2. Press ■ to exit.
   OR
   Press ▶II to start playback from the current programmed track

Clearing the programme

- Stop playback, then press ■ to clear the programme.
  OR
  Press the **OPEN/CLOSE ⏏** button of the disc tray.
  ➜ **PROG** disappears and "PROGRAM CLEARED" is displayed.

Note:
– The programme will be erased if the system is disconnected from the power supply or you switch to another source mode.

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Tuner Operations

IMPORTANT!
Make sure the FM and AM antennas are connected.

Tuning to radio stations

1. Press **TUNER** to enter the tuner mode.
   To select another waveband (FM or AM), press **TUNER** again.
2. Press and hold ◀◀ or ▶▶ until the frequency indication starts to change, then release.
   ➜ The system automatically tunes to the next strong signal radio reception.
   ➜ ∞ lights up for FM stereo reception.

For tuning to a weak signal station

- Press ◀◀ or ▶▶ briefly and repeatedly until an optimal reception is found.

Presetting radio stations

You can store up to 40 preset radio stations in the memory, starting from FM and followed by AM bands.

Notes:
– The system will exit presetting mode if no button is pressed within 20 seconds.
– If no stereo frequency is detected during Plug and Play, "CHECK ANTENNA" is displayed.

Using the Plug and Play (page 3 - P3)

Plug and Play allows you to store all available radio stations automatically.

1. Connect the system to the power supply,
   "AUTO INSTALL – PRESS PLAY" is displayed.
   OR
   In Eco Power standby/standby mode,
   press and hold ▶II on the main unit until "AUTO INSTALL – PRESS PLAY" is displayed.
2. Press ▶II on the main unit to start installation.
   ➜ "INSTALL TUNER" is displayed.
   ➜ All previously stored radio stations will be replaced.

Automatic presetting

You can start the automatic presetting from a selected preset number.

1. In tuner mode, press ⏮ or ⏭ to select a preset number.
2. Press and hold **PROGRAM (PROG)** until "AUTO" is displayed.
   ➜ If a radio station has been stored in one of the presets, it will not be stored again under another preset number.
   ➜ If no preset number is selected, automatic preset will begin from preset (1) and all your former presets will be overridden.

Manual presetting

You can choose to store only the favourite radio stations.

1. Tune to your desired radio station (refer to "**Tuning to radio stations**").
2. Press **PROGRAM (PROG)**.
   ➜ The preset number starts flashing. If you want to store the radio station in another preset number, press ⏮ or ⏭.
3. Press **PROGRAM (PROG)** again to store.

- Repeat ***steps 1~3*** to store other radio stations.

Selecting a preset radio station

- In tuner mode, press ⏮ or ⏭.
  ➜ The preset number, radio frequency, and waveband are displayed.

Deleting a preset radio station

- Press and hold ■ until "PRESET DELETED" is displayed.
  ➜ The current preset radio station will be deleted.
  ➜ All other preset radio stations with higher numbers are decreased by one.

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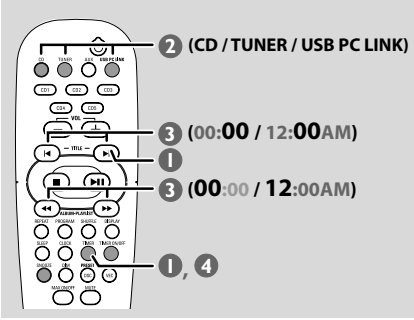
Timer setting

The system can switch on to CD, TUNER or USB PC LINK mode automatically at a preset time, serving as an alarm to wake you up.

IMPORTANT!

– Before setting the timer, ensure that the clock is set correctly.

– The volume of the timer will increase gradually to the last tuned volume level. If the last tuned volume level is too low, the set will then increase to a predetermined minimum audible level.



1 Press and hold **TIMER** on the remote until ⏲ icon starts flashing.
OR
Press and hold **CLOCK•TIMER** on the main unit until "SELECT CLOCK OR TIMER" is displayed. Then press ▶| to change the display to "TIMER" and press **CLOCK•TIMER** again to confirm.

2 Press **CD** or **TUNER** or **USB PC LINK** to select the wake-up source.
➜ The selected source will be lighted while other available sources are flashing.

3 Press ◀◀ or ▶▶ (for hours) and |◀ or ▶| (for minutes) repeatedly to set the wake up time.

4 Press **TIMER** (or **CLOCK•TIMER**) to store the setting.
➜ The timer will always be switched on after it has been set.
➜ ⏲ icon remains on the display. It indicates the timer is activated.

- **At the preset time, the selected sound source will be played for 30 minutes before it switches to Eco Power standby mode** (if no button is being pressed within the time frame).
  ➜ CD – playing the first track of the last selected disc. If the last selected disc tray is empty, it will switch to the next available disc. If all the disc trays are not available, it will switch to Tuner mode.
  ➜ TUNER – playing the last tuned radio station.
  ➜ USB PC LINK – playing the last selected playlist. If the connection fails, it will switch to Tuner mode. Refer to "USB PC Link" for proper connection and setup before use.

Activating/Deactivating the timer

- Press **TIMER ON/OFF** on the remote to turn off the timer or turn on to the last setting again.
  ➜ If activated, the timer information will display for a few seconds, then the system resumes to the last active source or stays in standby mode.
  ➜ If deactivated, "OFF" is displayed.

Note:

– The system will exit timer setting mode if no button is pressed within 90 seconds.

Checking the timer setting

- Press **TIMER** on the remote.
  ➜ The timer information will display for a few seconds, then the system resumes to the last active source or stays in standby mode.

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English

Temporarily deactivating the wake up timer

You are only able to activate the Snooze function within 30 minutes after the timer wakes up from standby mode.

1. After timer wake up, press **SNOOZE** on the remote.
   ➜ The system will switch to standby mode for five minutes. After that, it resumes the last selected source again.
2. To cancel the snooze function, press **SNOOZE** again.

Sleep timer setting

The sleep timer turns the system to Eco Power standby mode at a preselected time.

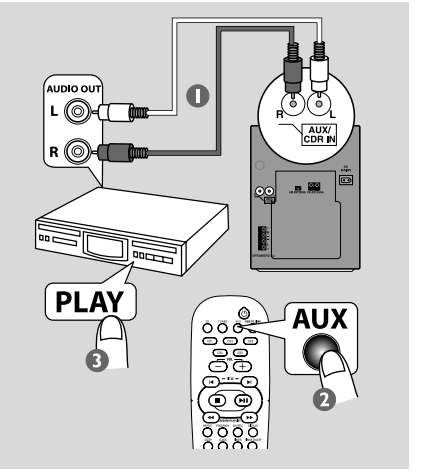
1. Press **SLEEP** repeatedly until it reaches the desired preset turn-off time.
   ➜ The selections are as follows (time in minutes):
   15 → 30 → 45 → 60 → 90 → 120 → OFF → 15 ...
   ➜ **SLEEP** is shown, except for "OFF" mode.
   ➜ To view or change the setting, repeat the above.
2. Before the system switches to Eco Power standby mode, a countdown of 10 seconds is displayed.
   "SLEEP 10" → "SLEEP 9".... → "SLEEP 1" → "SLEEP"

To cancel the sleep timer

- Press **SLEEP** repeatedly until "OFF" is displayed, or press the **STANDBY ON** ⏻ button.

Listening to an external source

You can listen to the sound of the connected external device through your system's speakers.



1. Use the red/white audio cables to connect the system's **AUX/CDR IN (R/L)** terminals to the AUDIO OUT terminals on the other audio/visual device (such as a TV, VCR, Laser Disc player, DVD player or CD recorder)
   ➜ If the connecting device has only a a single audio out terminal, connect it to the AUX/CDR IN left terminal. Alternatively, you can use a "single to double" cinch cable, but the output sounds still remain mono.
2. Press **AUX** repeatedly.
   ➜ Select "AUX" when connecting to a TV, VCR or Laser Disc player.
   ➜ Select "AUX/CDR" when connecting to a CD recorder or DVD player.
3. Press PLAY on the connected device to start playback.

Notes:
– All the sound control features (DSC, VEC for example) are available for selection.
– Always refer to the owner's manual of the other equipment for complete connection and use details.

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AMPLIFIER

Output power ..... 150 W total power
..... 2 x 70W FTC(1)
Signal-to-noise ratio ..... ≥ 75 dBA (IEC)
Frequency response ..... 50 – 20000 Hz, –3 dB
Input sensitivity
AUX/CDR In 500 mV/1V
Output
Speakers ..... ≥ 6 Ω
Headphones ..... 32 Ω – 1000 Ω

(1) (6 Ω, 60kHz-12.5kHz, 10% THD)

DISC PLAYER

Programmable tracks 99
Frequency response ..... 20 – 20000 Hz, –3 dB
Signal-to-noise ratio ..... ≥ 76 dBA
Channel separation ..... ≥ 60 dB (1 kHz)
MPEG 1 Layer 3 (MP3-CD) ..... MPEG AUDIO
MP3-CD bit rate ..... 32-256 kbps
..... (128 kbps advised)
Sampling frequencies ..... 32, 44.1, 48 kHz

USB

Frequency response ..... 20 – 20000 Hz, –3 dB
Signal-to-noise ratio ..... ≥ 75 dBA
Channel separation ..... ≥ 40 dB (1 kHz)
Total harmonic distortion ..... < 0.3% (1 kHz)

TUNER

FM wave range ..... 87.5 – 108 MHz
AM wave range ..... 530 – 1700 kHz
Number of presets 40
Antenna
FM ..... 300 Ω dipole wire
AM ..... Loop antenna

SPEAKERS

System ..... 2 way, Bass reflex
Impedance ..... 6 Ω
Woofer ..... 1 x 5.25"
Tweeter ..... 1 x 1.75" Ferrofluid cooled
Dimensions (w x h x d) ..... 180 x 268 x 220 (mm)
..... 7.0" x 10.55" x 8.56"
Weight ..... 3 kg each/6.6 pounds

GENERAL

Material/finish ..... Polystyrene/Metal
AC Power ..... 120 V / 60 Hz
Power Consumption
Active ..... 75 W
Standby ..... < 15 W
Eco Power Standby ..... < 0.5 W
Dimensions (w x h x d) ..... 175 x 268 x 316 (mm)
..... 6.89" x 10.55" x 12.44"
Weight (without speakers) ... 5.0 kg/11.02 pounds

Specifications and external appearance are subject to change without notice.

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Troubleshooting

English

WARNING

Under no circumstances should you try to repair the system yourself, as this will invalidate the warranty. Do not open the system as there is a risk of electric shock.

If a fault occurs, first check the points listed below before taking the system for repair. If you are unable to remedy a problem by following these hints, consult your dealer or Philips for help.

Problem	Solution
Auto Installation of the Installer CD-ROM did not install the Philips Sound Agent 2 onto my PC.	✔ Check that your PC's Operating System is running on Windows 2000/XP.
When in USB PC LINK mode, "NO CONNECTION" is displayed.	✔ Check the connection between your PC and the system and the inital setup required, see "Connections" and "USB PC Link". ✔ Make sure the connected PC is turned on.
I want the minimum effect from the Philips Sound Agent 2 sound mode when listening to MP3 music streaming via USB PC Link.	✔ Select the PRESET - Neutral mode. ✔ Select the REVERB - No environment mode.
Radio reception is poor.	✔ If the signal is too weak, adjust the antenna or connect an external antenna for better reception. ✔ Increase the distance between the system and your TV or VCR.
"NO DISC" is displayed or the disc cannot be played.	✔ Insert a disc. ✔ Load in the disc with label facing right. ✔ Replace or clean the disc, see "Care and safety information". ✔ Use a finalised CD-R(W) or a correct format disc.
The system does not react when buttons are pressed.	✔ Remove and reconnect the AC power cord and switch on the system again.
Sound cannot be heard or is of poor quality.	✔ Adjust the volume. ✔ Disconnect the headphones. ✔ Check that the speakers are connected correctly. ✔ Check that the AC power cord is connected properly. ✔ When in USB PC LINK mode, check that the PC's volume is not put into mute. ✔ When playing CD from PC's CD drive, refer to "USB PC Link – Enable digital CD audio output".
The remote control does not function properly.	✔ Select the source (CD or TUNER, for example) before pressing the function button (▶II, I◀◀ , ▶▶I). ✔ Reduce the distance between the remote control and the system. ✔ Replace the battery. ✔ Point the remote control directly toward the IR sensor.
The timer is not working.	✔ Set the clock correctly. ✔ Press TIMER ON/OFF to switch on the timer.
The system displays features automatically and buttons start flashing.	✔ Press and hold STOP DEMO on the main unit to switch off the demonstration mode.

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Problem	Solution
The timer is not working.	✔ Set the clock correctly. ✔ Press TIMER ON/OFF to switch on the timer.
The system displays features automatically and buttons start flashing.	✔ Press and hold STOP DEMO on the main unit to switch off the demonstration mode.

Refer to the FAQ (Frequently Asked Questions) on the supplied CD-ROM or visit our website "www.audio.philips.com" for latest update on FAQ.

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RENEWED
90 DAY
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